

Measuring and Estimating Length: math test, Grade 2 – download the PDF

Suggested time: 45 minutes. Out of 20 points. Calculator allowed only when the problem says so.

1 Choose the unit

/ 3 pts

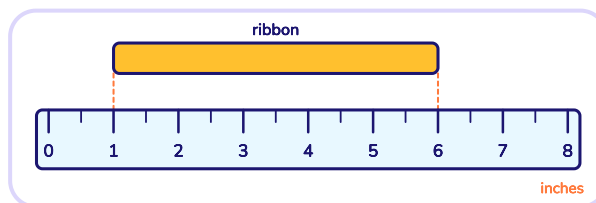
Choose the best unit for each measurement.

- a. The width of a fingernail (centimeters or meters)
- b. The length of a swimming pool (inches or feet)
- c. The length of a school bus (centimeters or meters)

2 Reading a ruler

/ 3 pts

A ribbon is placed on a ruler.



- a. How long is the ribbon?
- b. A pencil is 3 inches long. How much longer is the ribbon than the pencil?

3 Units and comparing

/ 4 pts

- a. 1 foot = ___ inches
- b. 1 meter = ___ centimeters
- c. Which is longer: 40 inches or 3 feet? Explain.

4 Lena's ribbon

/ 4 pts

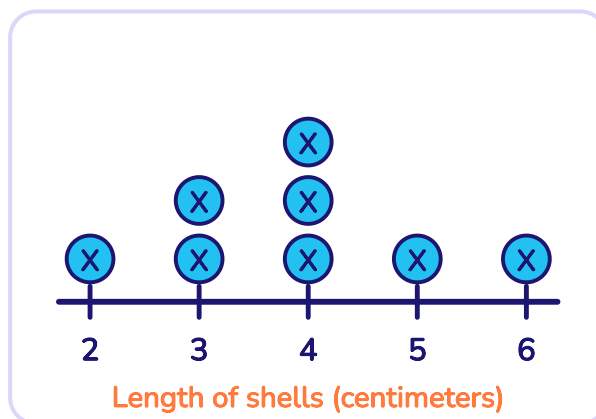
Lena has a ribbon that is 72 centimeters long. She uses 45 centimeters to wrap a gift.

- a. How much ribbon is left?
- b. She buys 19 more centimeters of ribbon and adds it to what is left. How long is her ribbon now?

5 Shells on a line plot

/ 3 pts

Eight shells were measured to the nearest centimeter. The line plot shows the data.



- a. How many shells are 4 centimeters long?
- b. How many shells are longer than 3 centimeters?
- c. How much longer is the longest shell than the shortest shell?

6 A walk along a path

/ 3 pts

Joe walks 35 feet along a path and then 24 more feet.

- a. How far did Joe walk in all?
- b. Is the answer closer to 50 feet or to 60 feet?



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